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NPIC/R-1038/62 September 1962

PHOTOGRAPHIC INTERPRETATION REPORT



25X1C

MISSION 125



ARMY



NAVY

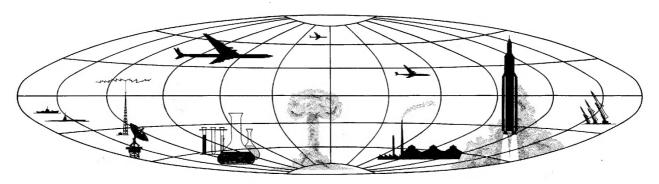


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CIA

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PHOTOGRAPHIC INTERPRETATION REPORT

25X1C MCI

MISSION 125
11 AUGUST 1962

NPIC/R-1038/62 September 1962

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PREFACE

25X1C

25X1C

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets covered by aerial photographic material from CHURCH DOOR Mission made The listing provides the latest description based on photographic interpretation for each target covered by the mission except for those targets in which no significant change was noted. Items in the listing are arranged by (1) country (2) WAC area within the country, and (3) coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

25X1C

25X1C

been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country. The user of this MCI is cautioned that the scan of photography from Mission

For convenience of the user, a subject index to the intelligence targets has

125 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, future detailed analysis may somewhat alter portions of the information.

Mission 125 of 11 August 1962 resulted in identification of a possible missile installation at Lien-Shan, first information on a new airfield at Liang-Hsiang, and included coverage of the cities of Peiping (including a nuclear reactor site), Tsingtao, Port Arthur, Mukden, and Dairen. See accompanying flight trace for approximate track.

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Installation Numbers WAC Coordinates City, Installation NPIC -CHINA-25X1A Ø288 4042N 11458E HSUAN-HUA AIRFIELD 6 7 NM NW OF HSUAN-HUA. APPROXIMATELY 5,000 X 250 FT NW/SE CONCRETE RUNWAY, SERVICEABLE. FACILITIES IN SW SECTION 25X1D OF FIELD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. AIRCRAFT -- NONE OBSERVED. CHANG-CHIA-KOU AIRFIELD SE 4044N 11455E Ø288 2-H 25X1D FORMER SOD LANDING STRIP, APPEARS ABANDONED. 4050N 11456E Ø288 2 KALGAN (CHANG-CHIA-KOU) COMPLEX KALGAN COMPLEX IS 5 SQ MI IN AREA. TRANSPORTATION AND MINOR INDUSTRIAL CENTER WITH RAILROAD YARDS AND SHOPS, FABRICATION 25X1D PLANT IN SOUTH PORTION, MILITARY BARRACKS AREA ON NE EDGE, AND LIGHT INDUSTRY ON WEST EDGE. HSIA-HUA-YUAN-CHAHAR THERMAL POWER PLT Ø289 4029N 11516E 38 NW EDGE OF HSIA-HUA-YUAN, 13 NM SE OF HSUAN-HUA. 25X1D CONTAINS BOILERHOUSE, GENERATOR HALL, TRANSFORMER YARD AND 3 COOLING TOWERS WITH STEAM EMANATING FROM ONE TOWER. RAIL SERVED. 4036N 11503E Ø289 13-A HSUAN-HUA COMPLEX CITY 10 SQ MI IN AREA. LARGE MILITARY SCHOOL AND COMMUNE IN WALLED CITY. TWO SMALL IRON WORKS, RAILROAD YARD, ORE PROCESSING PLANT, SEVERAL LIGHT INDUSTRIES

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	City, Installation	Coordinates	WAC		on Numbers
		1	"70	BE	NPIC
25X1D	AND SECURED STORAGE AREA CONTAINING 4 LARGE WAREHOUSES SOUTH AND SOUTHEAST OF WALLED CITY.			25X1A	
25X1D	PEIPING CENTRAL AIRFIELD  13 NM NE OF PEIPING。 CONCRETE N/S RUNWAY, PARALLEL TAXIWAY WITH 5 CROSSOVERS. EXTENSIVE FACILITIES TO WEST OF FIELD. OBLIQUITY AND SCALE PRECLUDE MORE DETAILED INTERPRETATION. AIRCRAFT NONE OBSERVED.	4004N 11635E	Ø289		34
25X1D	CHANG-PING AIRFIELD  6 NM SE OF CHANG-PING AND 14 NM NORTH OF PEIPING.  6,200 X 180 FT NW/SE CONCRETE RUNWAY,  SERVICEABLE. PARALLEL TAXIWAY.  AIRCRAFT NONE OBSERVED.	4009N 11619E	Ø289		3
25X1D	NAN-KOU COMPLEX NAN-KOU, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS RAILROAD YARDS AND SHOPS, IS A MILITARY CENTER WITH NUMEROUS BARRACKS AREAS AND HEAVY TRACK ACTIVITY TO NORTH AND SE. MILITARY ACTIVITY AROUND THE CITY COVERS AN AREA DE APPROXIMATELY 40 SQ MI.	4014N 11608E	Ø289		21
25X1D	LIN-YU AIRFIELD AIRFIELD ABANDONED.	4002N 11941E	Ø289		20-A

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	City, Installation	C	linates	WAC	Installatio	n Numbers
<u> </u>	City, installation		ingres	WAC	BE	NPIC
su	JI-CHUNG AIRFIELD  .8 NM SSE OF SUI-CHUNG.  7.000 X 230 FT NW/SE CONCRETE RUNWAY.	4Ø19N	12Ø21E	Ø289	25X1A	24
1D	PARALLEL TAXIWAY WITH 3 CROSSOVERS, 5 CONCRETE PARKING APRONS, 26 REVETTED HARD STANDS. SERVICE AREA AND EXPLOSIVES STORAGE AREA WEST OF RUNWAY.  AIRCRAFT 40 FAGOT.					
HS	SING-CHENG AIRFIELD ONE NM SOUTH OF HSING-CHENG. 8,000 X 250 FT ENE/WSW CONCRETE RUNWAY.	4Ø36N	12Ø43E	Ø289		11
	PARALLEL TAXIWAY ON NW SIDE OF RUNWAY WITH 4 CROSSOVERS, LARGE PARKING APRON NW OF FIELD ADJACENT TO MAINTENANCE AND ADMINISTRATIVE AREA. ONE HANGAR AND AN					
D	ADDITIONAL HANGAR UNDER CONSTRUCTION.  AMMUNITION STORAGE AREA WITH 13 STORAGE BUNKERS NW OF MAINTENANCE FACILITIES.  AIRCRAFT DNE FRESCO, 2 COLT, AND 29 BAT.				3	
D HS	SING-CHENG, BARRACKS AREA AREA CONTAINS APPROXIMATELY 180 BARRACKS IN THREE GROUPS AND SMALL MANEUVER AREA.	4Ø39N	12043E	Ø289		11-
	IEN-SHAN AREA, POSS MISSILE INSTALLATION 4 NM SE OF LIEN-SHAN. THIS INSTALLATION, PREVIOUSLY REPORTED AS UNIDENTIFIED IN NPIC IR 1034/62, IS NOW CONSIDERED POSSIBLY MISSILE-ASSOCIATED.	4042N	12Ø52E	Ø289		19-
	AN AREA 2 X 4 NM CONTAINS AT LEAST 6 RADAR-EQUIPPED VANS, POSSIBLE LAUNCH POSITION, 9 POSSIBLE MISSILE TRANSPORTERS,				Đ	

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	City, Installation	Coordinates	WAC		on Numbers
ŀ	City, institution	Coordinates		BE	NPIC
D	5 UNDERGROUND BUNKERS, 5 DRIVE-THROUGH BUILDINGS, ONE FAGOT/FRESCO AIRCRAFT, AT LEAST 2 MOTOR-POOLS, AND APPROXIMATELY 75 STRUCTURES CONSISTING OF WAREHOUSES, MAINTENANCE, ADMINISTRATIVE AND BARRACKS-TYPE BUILDINGS. AREA IS SERVED BY A WIDE-RADIUS TURN ROAD NETWORK AND RAIL.	* . * * * * * * * * * * * * * * * * * *	(F)	25X1A	
D	HU-LU-TAO SULPHURIC ACID PLANT ABOUT 3 NM WEST OF HU-LU-TAO PORT. LARGE ACTIVE PLANT COVERING AN AREA OF ABOUT 800,000 SQ FT. RAIL AND ROAD SERVED.	4043N 12056E	Ø289	25X1A	14-D
1D	HU-LU-TAO PORT FACILITIES RAIL-SERVED PORT FACILITY CONTAINING ONE MOLE, 3 PIERS, 4 LARGE AND SEVERAL SMALLER STORAGE BUILDINGS, OPEN STORAGE, STEAM PLANT, REPAIR FACILITIES, MARINE RAILWAY AND ONE LARGE UNIDENTIFIED BUILDING UNDER CONSTRUCTION.	4043N 12059E	Ø289		14-0
o	LIEN-SHAN COMPLEX APPROXIMATELY 5 SQ MI IN AREA. CONTAINS SYNTHETIC FUELS PLANT, RAIL CLASSIFICATION YARDS AND SHOPS, MILITARY BARRACKS AND SEVERAL LIGHT INDUSTRIES.	4045N 12050E	Ø289 :		19
	CHIN-HSI AIRFIELD  SE EDGE OF LIEN-SHAN.  5,200 X 200 FT ENE/WSW CONCRETE RUNWAY.  PARKING AND MAINTENANCE AREA ON SE SIDE OF  FIELD.  AIRCRAFT 4 COLT, 5 CAB, AND ONE PROBABLE	4045N 12052E	Ø289		19-A

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Installation Numbers WAC Coordinates City, Installation NPIC 25X1D CHANG-TIEN-HO-KOU POSS MILITARY INSTALLATION 4029N 12448E Ø29Ø 87 5 NM NORTH OF CHANG-TIEN-HO-KOU AND 15 NM SE OF KUAN-TIEN: POSSIBLE MILITARY INSTALLATION CONTAINING 125 BUILDINGS IN 2 AREAS. VEHICLES -- ONE TRUCK AND 2 OTHER POSSIBLE VEHICLES. 25X1A 25X1D 25X1C 4116N 123Ø5E LIAO-YANG WEST AIRFIELD Ø29Ø 46-B NO APPARENT CHANGE SINCE 25X1C AIRCRAFT -- APPROXIMATELY 32 POSSIBLE FAGOT/FRESCO. 25X1D 25X1C LIAO-YANG COMPLEX 4117N 12311E Ø29Ø 46 NO APPARENT CHANGE SINCE 25X1C 25X1C MUKDEN AIRFIELD SW 4146N 12322E 0290 55-E NO APPARENT CHANGE SINCE 25X1C AIRCRAFT -- ONE LIAISON-TYPE AIRCRAFT. 25X1C 25X1D MUKDEN AIRFIELD SE 4147N 1233ØE 0290 55-D NO CHANGE SINCE AIRCRAFT -- ONE BEAGLE, 4 FAGOT/FRESCO, ONE HOUND, 2 CREEK, AND ONE PROBABLE TRAINER. 25X1D

SECRET NO FOREIGN DISSEM NPIC/R-1038/62

Installation Numbers City, Installation Coordinates WAC BE NPIC MUKDEN (SHEN-YANG) ORDNANCE: REPAIR PL NO 515 4148N 12326E Ø29Ø 55-H 2 NM ENE OF MUKDEN RAILROAD STATION. APPROXIMATELY 14 LARGE ASSEMBLY-TYPE BUILDINGS AND NUMEROUS SMALL BUILDINGS. PARTIALLY WALLED. ROAD SERVED. 25X1D 25X1A 25X1C 4148N 12327E 0290 55 MUKDEN (SHEN-YANG) COMPLEX MUKDEN COMPLEX ABOUT 625 SQ MI IN AREA. NO APPARENT CHANGE SINCE 25X1C 25X1D 4148N 12329E 0290 55-B MUKDEN (SHEN-YANG) ARSENAL 9ØTH EAST SECTION OF MUKDEN. ARSENAL CONSISTS OF TWO AREAS. AREA I (41-48N 123-29E) IS WALLED AND CONSISTS OF FABRICATION OR ASSEMBLY BUILDINGS, FOUNDRIES, MACHINE SHOPS, WAREHOUSES, POWER PLANT AND SUPPORT BUILDINGS. AREA II (41-52N 123-29E) CONSISTS OF NUMEROUS BARRACKS, APPROXIMATELY 15 FABRICATION OR ASSEMBLY BUILDINGS, POWER PLANT, WAREHOUSES AND SUPPORT BUILDINGS. BOTH AREAS ARE RAIL AND ROAD SERVED. 25X1D 25X1C MUKDEN AIRFIELD WEST 4149N 12318E Ø29Ø 55-F NO CHANGE SINCE AIRCRAFT :-- 8 FAGOT/FRESCO. 25X1D

SECRET NO FOREIGN DISSEM NPIC/R-1038/62

	City, Installation	Cons	dinates	WAC	Installatio	n Numbers
	City, installation	Coort	amares	"AC	BE	NPIC
25X1D	FU-SHUN AREA, EXPLOSIVES STORAGE 5 NM SE OF FU-SHUN IN MOUNTAINOUS AREA. FENCED EXPLOSIVE STORAGE AREA CONTAINS APPROXIMATELY 29 DISPERSED STORAGE BUILDINGS AND THREE MEDIUM SIZE SUPPORT-TYPE BUILDINGS. ROAD AND RAIL SERVED.	4149N	12359E .	Ø29Ø		36-C
25X1C 25X1D	MUKDEN AIRFIELD NORTH  NO APPARENT CHANGE SINCE  AIRCRAFT ASSEMBLY PLANT WEST OF RUNWAY.  AIRCRAFT — 4 FARMER, 2 FAGOT AND ONE COLT.	4152N	12326E	Ø29Ø ·	25X1A	55-C
25X1C	FU-SHUN COMPLEX  NO APPARENT CHANGE SINCE  ALUMINA AND ALUMINUM PLANT IS ONLY PLANT APPARENTLY OPERATING AT CAPACITY. SHALE OIL PLANT APPEARS TO BE OPERATING AT ONE-THIRD CAPACITY, AND THE REMAINING HEAVY INDUSTRIAL PLANTS ARE EITHER SHUT DOWN OR OPERATING AT LIMITED CAPACITY.	4152N	12353E	Ø29 <b>Ø</b>	9	36
25X1D	FU-SHUN AREA. PROBABLE AMMUNITION STORAGE NO APPARENT CHANGE SINCE  25X1C	4154N	12347E	Ø29Ø		36-A

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Installation Numbers City, Installation Coordinates WAC BE Ø29Ø 55-L MUKDEN (SHEN-YANG) AREA, PROBABLE STORAGE AREA 4157N 1233ØE 10 NM NE OF MUKDEN. 5 LARGE WAREHOUSES, 68 MEDIUM AND 42 SMALLER WAREHOUSES, AND SEVERAL SUPPORT BUILDINGS IN A 25X1D SECURED, ROAD AND RAIL SERVED AREA. 25X1C FU-SHUN AREA, MINING AREA Ø29Ø 4155N 124Ø6E 36-B NO APPARENT CHANGE SINCE 25X1C 25X1D 25X1A 25X1C TUNG-HUA COMPLEX 4143N 12556E Ø29Ø 66 IN ADDITION TO FEATURES REPORTED IN 25X1C COMPLEX INCLUDES EXPLOSIVES STORAGE AREA CONTAINING 13 REVETTED STORAGE BUILDINGS DISPERSED ALONG VALLEY FLOOR 3.2 NM EAST OF OLD CITY. 25X1D TUNG-HUA EXPLOSIVES STORAGE INSTALLATION 4148N 12548E 0290 66-C 7.5 NM WNW OF TUNG-HUA. INSTALLATION CONTAINS 30 STORAGE BUILDINGS WIDELY SPACED ALONG VALLEY AND 2 SUPPORT AREAS WITH POSSIBLE BARRACKS AND ADMINISTRATIVE-TYPE BUILDINGS. 25X1D 77-C YALU RIVER DAM UNDER CONSTRUCTION 4121N 1263ØE Ø29Ø 16 NM NE OF MANPOJIN. LARGE DAM UNDER CONSTRUCTION ON PROMINENT BEND OF YALU RIVER. EXTENSIVE HOUSING FOR CONSTRUCTION WORKERS. 25X1D

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Coordinates	WAC	BE	NPIC
		* MONTH, p	73.4
<b>4207N 12345E</b> 25X1C	Ø29Ø		55-N
421ØN 12347E	Ø29 <b>Ø</b>		55 <b>-</b> J
42Ø1N 12544E	Ø29Ø		41
	42Ø1N 12544E	42Ø1N 12544E Ø29Ø	42Ø1N 12544E Ø29Ø <b>333</b>

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NO FOREIGN DISSEM Installation Numbers City, Installation Coordinates WAC BE 25X1D 25X1C 25X1C LIU-HO AREA, PROB RADAR SITE 4212N 12548E 0290 47-B NO APPARENT CHANGE SINCE 25X1D 25X1A 25X1C LIU-HO AIRFIELD Ø29Ø 4216N 12542E 47 25X1C NO APPARENT CHANGE SINCE AIRCRAFT -- ONE TRANSPORT OR LIAISON-TYPE 25X1D AIRCRAFT. MEI-HO-KOU AIRFIELD SITE 423ØN 12534E Ø29Ø 49 25X1D AIRFIELD APPEARS ABANDONED. 25X1A 25X1C 25X1C TUNG-FENG AIRFIELD NO 1 4239N 1253ØE Ø29Ø 65 NO APPARENT CHANGE SINCE 25X1D NO AIRCRAFT DISCERNIBLE. CHU-CHENG AREA, AIRFIELD 36Ø2N 11926E Ø381 115 APPROXIMATELY 3 NM NNE OF CHU-CHENG. NNE/SSW 6,400 X 180 FT CONCRETE RUNWAY, APPARENTLY SERVICEABLE. PARALLEL TAXIWAY WITH 4 CROSSOVERS EAST OF RUNWAY. ALERT AND PARKING APRONS AT EACH END OF RUNWAY. TWO HANGARS AND SEVERAL SMALLER BUILDINGS ON EAST SIDE. 8

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25X1D

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	City, Installation	Coordinates	WAC		n Numbers
	Stry, marandra	accionates	""	BE	NPIC
	HARDSTANDS IN DISPERSAL AREA NE, 25 HARDSTANDS IN DISPERSAL AREA, SW. AIRCRAFT 3 POSSIBLE AIRCRAFT.			25X1A	
25X1C	NO APPARENT CHANGE SINCE  AIRCRAFT NONE OBSERVED.	3623N 11942E	Ø381		28-A
	TSINGTAO SEAPLANE STATION ON ISLAND .7 NM SSW OF TSINGTAO (CHING-TAO) CONNECTED TO MAINLAND WITH CAUSEWAY. TWO 85 FT RAMPS, CONTROL TOWER, AND 35 MISCELLANEOUS SUPPORT BUILDINGS. ADDITIONAL FACILITIES AT JUNCTION OF CAUSEWAY TO MAINLAND CONSIST OF 140 X 115 FT HANGAR UNDER CONSTRUCTION, 85 FT WIDE SEAPLANE RAMP UNDER CONSTRUCTION, AND 15 MISCELLANEOUS SUPPORT BUILDINGS. AIRCRAFT 5 MADGE. 25X1D	36Ø2N 12Ø17E	Ø381		13-8
25X1C 25X1C	TSINGTAD (CHING-TAD) COMPLEX NO APPARENT CHANGE IN COMPLEX SINCE COMPLEX IS APPROXIMATELY 15 SQ MI IN AREA. SMOKE COMING FROM STACK OF TSINGTAD THERMAL POWER PLANT IN NW SECTION OF COMPLEX.	36Ø4N 12Ø19E	Ø381		13
	TSINGTAD (CHING-TAD) INNER HARBOR NO APPARENT CHANGE IN FACILITIES SINCE  VESSELS 2 PROBABLE GORDYY-CLASS DESTROYERS, 6 PROBABLE W-CLASS SUBMARINES, ONE PROBABLE	36Ø4N 12Ø19E	Ø381	- 3 Com 6	13-0

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NO FOREIGN DISSEM Installation Numbers Coordinates WAC City, Installation S-CLASS SUBMARINE, 2 PROBABLE W-CLASS SUBMARINES IN GRAVING DOCK, 4 PROBABLE T-43 CLASS MINESWEEPERS, 2 KRONSHTADT-CLASS PATROL CRAFT, 4 UNIDENTIFIED NAVAL VESSELS, AND 5 MERCHANT VESSELS. 25X1C TSINGTAO (CHING-TAO) OUTER HARBOR 36Ø4N 12Ø19E Ø381 13-E NO APPARENT CHANGE SINCE 25X1C BOAT REPAIR YARD ACTIVE. VESSELS -- 14 PROBABLE PT BOATS. 25X1A 25X1C TSINGTAD AIRFIELD 36Ø9N 12Ø23E Ø381 13-A NO APPARENT CHANGE SINCE 25X1C AIRCRAFT -- 2 BAT, ONE BEAGLE, ONE COLT, ONE CAB, AND 3 FAGOT. 25X1C LIU-TING AIRFIELD 3615N 12Ø22E Ø381 41 NO APPARENT CHANGE SINCE 25X1C EXCEPT FOR TWO 4-GUN AAA POSITIONS (7 OCCUPIED, ONE UNOCCUPIED). AIRCRAFT -- 52 FAGOT, 16 FRESCO, AND ONE COACH. 25X1C CHENG-YANG, PROBABLE CERAMICS INDUSTRY 3618N 12Ø22E Ø381 107 25X1C NO APPARENT CHANGE SINCE 25X1D 25X1D 25X1D 25X1D 25X1D

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Installation Numbers City, Installation Coordinates WAC NPIC BE 25X1D 25X1D 25X1D 25X1A 25X1C CHIAO-HSIEN AIRFIELD 3619N 12002E Ø381 9-B NO APPARENT CHANGE SINCE 25X1C AIRCRAFT -- APPROXIMATELY 37 PROBABLE BEAGLE. 25X1C 3623N 12027E Ø381 7 CHI-MO PROBABLE BARRACKS AREA NO APPARENT CHANGE SINCE INTERPRETATION LIMITED. 25X1A 25X1C LAI-YANG AIRFIELD 3658N 12Ø35E 0381 31-A 25X1C NO APPARENT CHANGE SINCE AIRCRAFT -- 39 BEAGLE. LAI-YANG MILITARY COMPLEX 3659N 12Ø4ØE Ø381 31-B COMPLEX INCLUDES 3 MILITARY INSTALLATIONS. FIRST, LOCATED 1.5 NM NW OF LAI-YANG, CONSISTS OF APPROXIMATELY 800 BUILDINGS (BARRACKS, ADMINISTRATIVE, STORAGE, SHOPS), MOTOR POOLS AND 2 DRIVER TRAINING AREAS. SECOND INSTALLATION: 3 NM SW OF LAI-YANG, CONTAINS 15 BARRACKS, 8 QUONSET HUTS, 7 ADMINISTRATIVE AND 16 MISCELLANEOUS BUILDINGS AND MOTOR POOL. THIRD IS MOVING TARGET RANGE 15 NM NNE OF LAI-YANG. VEHICLES -- 4 TANKS, 9 PROBABLE ARMORED VEHICLES. APPROXIMATELY 80 TRUCKS AND NUMEROUS SMALL UNIDENTIFIED VEHICLES. 25X1D

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City, Installation	Coordinates	WAC	Installatio	
City, installation	Coordinates	#70	BE	NPIC
YEN-TAI AIRFIELD SOUTH 8 NM SOUTH OF CHEFOO (YEN-TAI). (LISTED AS CHEFOO (YEN-TAI) AIRFIELD SOUTH IN NPIC/R-1034/62). NO APPARENT CHANGE SINCE	3724N 12121E	Ø381 a	25X1A	8Ø-A
SANG-HSIEN AIRFIELD 6.5 NM NNE OF TSANG-HSIEN. 8,900 X 290 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO WEST WITH FIVE CROSSOVERS. ALERT APRONS AT EACH END OF RUNWAY, 12 HARDSTANDS AND SUPPORT AREA ON WEST	3824N 11655E	Ø381 .		68
AIRCRAFT NONE OBSERVED.  ANG-KUAN-TUN AIRFIELD  7.8 NM NE OF TANG-KUAN-TUN.  APPROXIMATELY 7,000 X 250 FT N/S CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO THE WEST. ALERT APRONS AT EITHER END OF FIELD,	3847N 117Ø4E	Ø381 ·		63
MIDFIELD PARKING APRON, 16 HARDSTANDS.  SUPPORT AREA WEST OF TAXIWAY. CLOUDS LIMIT INTERPRETATION.  AIRCRAFT 8 BEAGLE.  TANG-KU COMPLEX  COMPLEX IS APPROXIMATELY 7 SQ MI IN AREA	3859N 11741E	Ø381 .		62 <b>-</b> C
INCLUDING TANG-KU AND TA-KU, MERGED BY CONSTRUCTION. PRINCIPAL ACTIVITY IS COMMERCIAL SHIPPING, DESCRIBED SEPARATELY IN THIS MISSION COVERAGE INDEX. COMPLEX INCLUDES CAUSTIC SODA PLANT, LARGE THERMAL POWER PLANT, SEVERAL FOUNDRIES, NUMEROUS LIGHT INDUSTRIES, BOAT				

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NPIC

Installation Numbers

ΒE

REPAIR FACILITIES, POL TANK FARMS, NUMEROUS 25X1D WAREHOUSES AND RAIL MARSHALLING YARD. TA-CHU-SHAN-TAO (ISLAND) AREA, GUN EMPL NO APPARENT CHANGE SINCE 25X1D TA-CHU-SHAN-TAD (ISLAND), COASTAL GUN EMPL NO APPARENT CHANGE SINCE 25X1D

25X1D

25X1D

25X1D

25X1D

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25X1C TA-HEI-SHAN-TAO (ISLAND), POSS RADAR ON SMALL ISLAND 1.0 NM EAST OF TA-HEI-SHAN-

TAO. INSTALLATION CONTAINS POSSIBLE RADAR AND 6 ASSOCIATED BUILDINGS.

City, Installation

25X1C

25X1C

25X1C

TO-CHI-TAO (ISLAND), COASTAL GUN EMPLACEMENT PROBABLE WORLD WAR II GUN EMPLACEMENTS THROUGHOUT ISLAND.

NAN-HUANG-CHENG-TAO (ISLAND), GUN EMPLACEMEN NO APPARENT CHANGE SINCE

WORLD WAR II POSITIONS.

PEI-HUANG-CHENG-TAO (ISLAND), GUN EMPLACEMEN WORLD WAR II POSITIONS THROUGHOUT ISLAND.

т	3823N	12Ø54E	Ø381	1ø9
TS	3821N	12Ø54E	Ø38 <b>1</b>	108
	381ØN	12045E	Ø381	111
_	38Ø3N	12Ø38E	Ø381	106
	38Ø1N	12Ø55E	Ø381 .	110
	38Ø1N	12Ø52E	Ø381	110-A

WAC

Coordinates

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ı	Ct. I all a	Coordinates	WAC	Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
25X1D	PORT ARTHUR AREA (LU-SHUN), GUN POSITIONS NUMEROUS WORLD WAR II GUN POSITIONS THROUGHOUT AREA.	3843N 12118E	Ø381		53-H
25X1D	PORT ARTHUR (LU-SHUN), GUN POSITIONS NUMEROUS WORLD WAR II GUN POSITIONS THROUGHOUT AREA.	3846N 12113E	Ø381	25X1A	53-I
25X1D	PORT ARTHUR (LU-SHUN) SUBMARINE BASE  ONE NMISSW OF PORT ARTHUR.  PIERS 2 OFFSHORE, ONE PONTOON, ONE FINGER.  FIVE LARGE BUILDINGS, SEVERAL SMALLER  BUILDINGS AND PROBABLE POWER PLANT AT LANDING  AREA. ELSEWHERE, SIX PROBABLE BARRACKS, 14  LARGE ADMINISTRATIVE OR STORAGE BUILDINGS AND  NUMEROUS SMALLER BUILDINGS.  VESSELS 8 PROBABLE W CLASS AND ONE POSSIBLE  S-CLASS SUBMARINE, AND ONE PROBABLE SPLIT-LEG  FLOATING CRANE.	3847N 12114E	Ø381		53-D
25X1D	DAIREN (TA-LIEN), MILITARY ACTIVITY NO APPARENT CHANGE SINCE  25X1C  25X1C	3847N 12127E	Ø381	25X1A	18-0
25X1D	PORT ARTHUR (LU-SHUN) COMPLEX NO APPARENT CHANGE SINCE	.3848N 12116E	Ø381 .		53

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Installation Numbers WAC Coordinates City, Installation NPIC BE 25X1A Ø381 53-E PORT ARTHUR (LU-SHUN) NAVAL BASE AND SHIPYARD 3848N 12116E NAVAL BASE AND SHIPYARD ON NE SIDE OF BAY. SHIPYARD CONTAINS LARGE BOAT BASIN WITH 2 DRYDOCKS, 2 MARINE RAILWAYS, FABRICATION AND FITTING OUT SHOPS. NAVAL BASE FACILITIES INCLUDE HOUSING, WAREHOUSES, POL STORAGE, QUAYS: WHARVES, AND PIERS. VESSELS -- ONE DESTROYER, ONE W-CLASS SUBMARINE, 13 PT BOATS, NUMEROUS OTHER 25X1D UNIDENTIFIED MEDIUM AND SMALL CRAFT. 104 Ø381 TA-KOU-CHING, COASTAL GUN EMPLACEMENTS 3851N 12111E 2 NM SW OF TA-KOU-CHING. WORLD WAR II POSITIONS. 25X1C 25X1C 25X1D 18-E Ø381 DAIREN (TA-LIEN) AREA, PROBABLE RADAR SITE 3853N 12128E NO APPARENT CHANGE SINCE 25X1D 25X1A 25X1C 70 3854N 12115E Ø381 TU-CHENG-TZU AIRFIELD 25X1C NO APPARENT CHANGE SINCE AIRCRAFT -- 39 BEAGLE. 53-J PORT ARTHUR (LU-SHUN) EXPLOSIVES STORAGE AREA 3854N 1212ØE Ø381 7.5 NM NE OF PORT ARTHUR. 16 REVETTED BUILDINGS AND 5 ASSOCIATED BUILDINGS ON SIDES OF NARROW VALLEY. SECURED AND ROAD SERVED.

19

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Coor	dinetas	WAC	Installatio	n Numbers
		"AC	BE	NPIC
3855N	12137E	ø381	25X1A	18
			25X1A	
3857N	12132E	Ø381	O.F.V.A.A.	18-F
3858N	12133E	Ø381	25X1A	14
	3855N 3857N	3855N 12137E  3857N 12132E	3855N 12137E Ø381	25X1A  3857N 12132E Ø381  25X1A  25X1A  25X1A

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Installation Numbers WAC Coordinates City, Installation BE NPIC 3938N 116Ø6E Ø381 97 LIU-LI-HO AREA RADIO STATION 2 NM EAST OF LIU-LI-HO. HIGH-FREQUENCY RADIO BROADCAST STATION WITH CURTAIN ANTENNAS SUSPENDED BETWEEN APPROXIMATELY 20 SELF-SUPPORTING LATTICE TOWERS AND ONE POLE-SUPPORTED (PROBABLY HF) RHOMBIC ANTENNA. SUPPORT FACILITIES INCLUDE LARGE CENTRAL CONTROL BUILDING, STUDIO BUILDING, POWER SUBSTATION AND PARTS 25X1D BUILDING. HOUSING AREA JUST NORTH OF ANTENNA FARM. 25X1A 5Ø-Z4 3939N 11622E Ø381 PEIPING SAM SITE B-19 APPROXIMATELY 16 NM SOUTH OF PEIPING. COMPLETED SA-2 SAM SITE. 25X1D 25X2

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City, Installation		Coordinates		Installation Numbers		
Congression			WAC	BE	NPIC	
				25X1A		
EIPING COMPLEX	3945N	11624E	Ø381		5Ø	
PEIPING IS NOW APPROXIMATELY 145 SQ MI IN	1					
AREA.	İ					
VARIOUS LARGE STEEL PLANTS, RAILROAD REPAIR						
FACILITIES, CHEMICAL WORKS, MACHINE TOOL AND						
ORDNANCE PLANTS AND FOUNDRIES SURROUND CENTRAL						
PART OF CITY. FOUR NEW INDUSTRIAL COMPLEXES				1	-	
HAVE BEEN DEVELOPED AROUND PEIPING. 13 NM WNW	ŀ					
IN YUNG-TING HO VALLEY IS NEW COMPLEX INCLUD-				- 1		
ING FABRICATION AND ASSEMBLY PLANTS, IRON				Ì		
WORKS, LARGE RAIL MARSHALLING YARD, BRICKYARD,						
AMMUNITION DEPOT AND FLOOD CONTROL DAMS. NEW						
SW INDUSTRIAL COMPLEX ALONG NEW RAIL						
SPURS ABOUT 19 NM SW OF PEIPING INCLUDES THE						
FABRICATION PLANTS,						
LARGE THERMAL POWER PLANT, OPEN STORAGE AREAS,						
FOUNDRIES, LARGE AREAS OF APARTMENT HOUSES AND						
NUMEROUS SMALL PLANTS. NEW WESTERN COMPLEX						
BETWEEN PEIPING AND YUNG-TING RIVER HAS LARGE						
IRON AND STEEL WORKS, HEAVY INDUSTRIAL						
FABRICATION SHOPS, MACHINE SHOPS, FOUNDRIES						
AND SEVERAL NEW APARTMENT AREAS. NEW EASTERN						
COMPLEX DEVELOPED ON PLAIN BETWEEN PEIPING AND						
TUNG-HSIEN ABOUT 13 NM EAST COMPOSED PRIMARILY						
OF TWO LARGE STEEL PLANTS, ONE VERY LARGE						
FABRICATION PLANT AND SEVERAL NEW APARTMENT						
AREAS. SEVERAL NEW FABRICATION AND ASSEMBLY				ľ		
PLANTS NORTH AND NE OF PEIPING. PEIPING HAS						
SIX AIRFIELDS AND IS DEFENDED BY SAM SITES.		}				
SIGNIFICANT MILITARY AREAS ARE NW. SW AND EAST						
OF PEIPING. SW ON WESTERN BANK OF YUNG-TING						
RIVER OPPOSITE RAIL AND HIGHWAY BRIDGES ARE						
TWO AREAS, EACH WITH DRIVER TRAINING COURSES.						
EAST AREA ON PLAIN NW OF TUNG-HSIEN INCLUDES						
MULTI-STORIED BARRACKS BUILDINGS, AT LEAST						
22 VEHICLE SHEDS AND MANY SMALL STORAGE AND						

25X2

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	6 4	WAC	Installatio	on Numbers	
City, Installation	Coordinates	WAC	BE	NPIC	
UTILITY BUILDINGS.					
LIANG-HSIANG, AIRFIELD  11.5 NM SSW OF PEIPING AT LIANG-HSIANG. APPROXIMATELY 3,500 X 4,000 FT SERVICEABLE SOD LANDING AREA WITH CONCRETE PARKING APRON, 2 HANGARS, ADMINISTRATIVE AND SUPPORT BUILDINGS AT EAST SIDE OF FIELD. AIRCRAFT 10 PROBABLE LIAISON-TYPE AIRCRAFT.	3946N 11607E	Ø381	25X1A	117	
PEIPING SAM SITE B-12 COMPLETED SA-2 SAM SITE JUST SW OF SOUTH END OF TUNG-HSIEN AIRFIELD RUNWAY. THIS SITE WAS REPORTED IN NPIC/R-1Ø34/62 AS PEIPING SAM SITE B-13.	3947N 11641E	Ø381		5Ø-2	
IAN-YUAN AIRFIELD  7.5 NM SOUTH OF PEIPING.  10,000 X 200 FT N/S CONCRETE RUNWAY,  SERVICEABLE. PARALLEL TAXIWAY TO EAST WITH 24.  HARDSTANDS. ALERT APRONS AT EACH END OF RUNWAY. EXTENSIVE SUPPORT FACILITIES.  AIRCRAFT NONE.	.3948N 11623E	Ø381		47	
UNG-HSIEN AIRFIELD 6 NM SSE OF TUNG-HSIEN. APPROXIMATELY 8,000 X 300 FT N/S CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 30 HARDSTANDS, ALERT APRONS, MIDFIELD FARKING APRON. EXTENSIVE SUPPORT FACILITIES ON WEST SIDE OF FIELD. PEIPING SAM SITE B-12 (LISTED AS B-13 IN NPIC/R-1034/62) JUST SW OF SOUTH OF	3948N 11642E	Ø381		73	

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25X1D

25X1D

C	Coordinates	WAC	Installation	Numbers
City, Installation	Coordinates	#AC	BE	NPIC
25X1D RUNWAY. AIRCRAFT NONE OBSERVED.			25X1A	
LAN-TIEN-CHANG AIRFIELD LOCATED 4.3 NM WNW OF PEIPING. 7,460 X 225 FT N/S CONCRETE RUNWAY. FORMER 3,725 X 240 FT N/S ASPHALT, 3,530 X 200 FT NW/SE ASPHALT AND 3,375 X 220 FT NE/SW ASPHALT RUNWAYS, NOW UTILIZED AS PARKING APRONS. TAXIWAY PARALLEL TO MAIN RUNWAY AND LOOP TAXIWAY TO EAST CONNECTING WITH EXTENSIVE SUPPORT FACILITIES JUST EAST OF THE FIELD. AIRCRAFT 22 PROBABLE LIGHT BOMBERS.	3958N 11615E	Ø381	25X1A	33-A
TANG-KU PORT FACILITIES  FACILITIES ARE AT TA-KU, AT MOUTH OF HAI-HO, AND ABOUT 9 MILES UPSTREAM AT TANG-KU. TA-KU HAS AT LEAST 2.5 NM OF DOCK, 7 LARGE, RAIL- SERVED WATERFRONT WAREHOUSES AND NUMEROUS SMALL WAREHOUSES INLAND, ONE LARGE AND SEVERAL SMALLER PIERS, 4 HAMMERHEAD CRANES AND 2 GIANT CRANES. TANG-KU HAS AT LEAST 3Ø WHARVES, PIERS AND DOCKS FOR OCEAN-GOING VESSELS. VESSELS IN AREA 15 LARGE CARGO, 17 COAL BARGES, 15 RIVER BARGES, 4 FLOATING CRANES AND MANY TUGS AND POL TANKERS.	3900N 11744E	Ø381		62
TIENTSIN AIRFIELD 5.6 NM EAST OF TIENTSIN (TIEN-CHING). 7,200 X 210 NNW/SSE CONCRETE RUNWAY WITH APPROXIMATELY 500 FT OVERRUNS AT BOTH ENDS. PARALLEL TAXIWAY WITH 4 CROSSOVERS AND PARKING APRONS AT EACH END, ALSO PARKING APRON IN	3907N 11721E	Ø381	25X1A	<b>67</b> -D

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City, Installation

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Installation Numbers

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Coordinates

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BE NPIC CENTER OF TAXIWAY. SUPPORT AREA CONTAINS APPROXIMATELY 21 LARGE BUILDINGS WITH NUMEROUS SMALL BUILDINGS. 2 AAA SITES. AIRCRAFT -- 6 CABS, 17 COLTS, ONE LIAISON-TYPE AIRCRAFT. 25X1D 25X1A TIENTSIN (TIEN-CHING) COMPLEX 3908N 11712E Ø381 67 TIENTSIN IS ABOUT 65 SQ MI IN AREA. LIGHT INDUSTRIAL, STORAGE AND TRANSPORTATION CENTER. LIGHT INDUSTRY PLANTS THROUGHOUT BUT MAINLY NEAR DOCKS AND RAILROAD YARDS IN SE PART OF CITY. STEEL PLANT SE IS ONLY HEAVY INDUSTRY PLANT IDENTIFIED. COMMERCIAL WAREHOUSES CONCENTRATED ALONG PAI-HO SE. MULTI-STORIED, PERMANENT MILITARY BARRACKS NE. NW AND SW PARTS OF TIENTSIN WITH VERY LARGE MILITARY SUPPLY DEPOT SE. SEVERAL RAILROAD MARSHALLING YARDS AND SHOPS WITH LARGEST SE. 25X1D CARGO VESSEL AT DOCK IN SE PART OF TIENTSIN. LU-TAI MILITARY INSTALLATION 3917N 11748E Ø381 114 APPROXIMATELY 3 NM SSW OF LU-TAI. AREA CONTAINS ONE HEADQUARTERS BUILDING, ONE MESS BUILDING, ONE HOSPITAL BUILDING, ONE RECREATIONAL BUILDING, 15 BARRACKS BUILDINGS, 5 UTILITY SHEDS, VEHICLE COMPOUND WITH 18 VEHICLE SHEDS AND 2 GARAGES. JUST WEST OF BARRACKS AREA ARE AN AMMUNITION STORAGE AREA WITH 3 BUILDINGS AND WAREHOUSE AREA WITH 18 MEDIUM SIZE BUILDINGS. VEHICLES AND WEAPONS -- 66 VEHICLES AND 36 FIELD ARTILLERY PIECES.

25X1D

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City, Installation	City, Installation Coordinates		Installation Numbe	
		WAC	BÉ	NPIC
YANG-TSUN AIRFIELD  1.5 NM.ESE OF YANG-TSUN.  APPROXIMATELY 6,500 X 200 FT NNW/SSE CONCRETE RUNWAY. PARALLEL TAXIWAY WITH 4 CROSSOVERS.  APPROXIMATELY 23 HARDSTANDS, MAINTENANCE AND PERSONNEL AREAS.	3922N 117Ø5E	Ø381	25X1A	79
AIRCRAFT APPROXIMATELY 25 FAGOT/FRESCO, ONE CRATE.  TANG-SHAN COMPLEX	3938N 11811E	Ø381		15
COMPLEX IS APPROXIMATELY 7.5 SQ MI IN AREA. COMPLEX IS INDUSTRIAL WITH SEVERAL LARGE COKE, IRON AND STEEL PLANTS IN NORTHERN PART OF CITY WHICH ALSO CONTAINS LARGE THERMAL POWER PLANT AND PROBABLE DIESEL—ELECTRIC POWER PLANT. LARGE RAIL MARSHALLING YARD WITH SHOPS EXTENDS THROUGH CENTRAL PORTION OF TANG—SHAN AND RAILROAD EQUIPMENT MANUFACTURING AND REPAIR PLANT IS IN SW PORTION. SEVERAL STRIP MINES AND POL STORAGE AREAS ARE OBSERVED. AN UNIDENTIFIED, RAIL—SERVED FACILITY IS LOCATED ON SW EDGE OF TANG—SHAN. IT CONTAINS 24 BUILDINGS WITH INDIVIDUAL STACKS CONNECTED TO BUILDINGS BY COVERED PASSAGEWAYS, 21 LARGE AND SEVERAL SMALLER PONDS, LARGE WATER TANK AND TALL STACK, TWO LARGE INDUSTRIAL BUILDINGS AND SEVERAL SMALLER BUILDINGS.	3936N 11611E	n391		65
TANG-SHAN AIRFIELD NW  3 NM NW OF TANG-SHAN.  APPROXIMATELY 7,000 X 220 FT NW/SE CONCRETE RUNWAY. PARALLEL TAXIWAY WITH 6 CROSSOVERS. TEN HARDSTANDS, LARGE PARKING APRON.	3939N 118Ø8E	Ø381	25X1A	65 <b>-A</b>

25X1D

25X1D

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City. Installation	Coordinates	Coordinates WAC		n Numbers
City, insulation	Coordinates		BE	NPIC
MAINTENANCE FACILITIES AND ADMINISTRATIVE AREA ON EAST SIDE OF FIELD. AIRCRAFT 41 PROBABLE FAGOT/FRESCO, ONE BEAGLE, ONE CRATE, AND 2 CAB.	·			
KAO-CHIA-MA-FANG MILITARY INSTALLATION  8 NM SW OF CHIN-HUANG-TAO ON NORTH OUTSKIRTS OF KAO-CHIA-MA-FANG. MILITARY INSTALLATION CONTAINING APPROXIMATELY 40 BUILDINGS IN TWO GROUPS AND MANEUVER AREA. VEHICLES APPROXIMATELY 8 TANKS.	3953N 11925E	Ø381	25X1A	116
CHIN-HUANG-TAO COMPLEX COMMERCIAL AND TRANSPORTATION CENTER APPROXIMATELY 5 SQ MI IN AREA, INCLUDES SEVERAL LIGHT INDUSTRIES, RAIL-SERVED. PORT CONTAINS TWO PIERS, ONE MOLE, LARGE COAL YARD AND EXTENSIVE WAREHOUSES. VESSELS 2 OCEAN-GOING CARGO VESSELS, 2 COASTAL CARGO VESSELS.	3956N 11937E	Ø381		11
LIN-YU AIRFIELD SOUTH  2.5 NM SSW OF LIN-YU.  6,100 X 175 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. SECURED STORAGE AREA APPROXIMATELY 3,000 FT FROM SW END OF RUNWAY. AIRCRAFT 37 PROBABLE MAX.  25X1D  25X1D	3958N 11943E	Ø381		38

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	City, Installation	Coor	Coordinates   WAC		Installatio	n Numbers
	,,	-			BE	NPIC
25X1D	YING-CHENG-TZU, MILITARY TRAINING AREA ADJACENT TO YING-CHENG-TZU AIRFIELD. 8 SQ MI AREA CONTAINING EXTENSIVE TRACK ACTIVITY, 2 MOVING TARGET RANGES AND DRIVER TRAINING AREA. TAXIWAY AND APRONS AT YING- CHENG-TZU AIRFIELD BEING UTILIZED AS PARKING AREAS FOR MILITARY EQUIPMENT. 11 FA PIECES, 4 PROBABLE FA PIECES AND 25 TRUCKS PARKED AT AIRFIELD.	39Ø1N	12121€	Ø381		81-A
					25X1A	
25X1D	YING-CHENG-TZU AIRFIELD 5 NM NORTH OF YING-CHENG-TZU. 6,600 X 180 FT CONCRETE RUNWAY, SERVICEABLE. TAXIWAYS AND APRONS NOT SERVICEABLE. FIELD APPARENTLY BEING USED AS MILITARY VEHICLE PARKING AREA. (SEE YING-CHENG-TZU, MILITARY TRAINING AREA).	39Ø1N	12123E	Ø381		81
	DAIREN (TA-LIEN) MILITARY ACTIVITY 9 NM NW OF DAIREN IN HSIA-CHIA-HO-TZU (VILLAGE). SMALL MOTOR POOL ON NE EDGE OF HSIA-CHIA-HO-	39Ø1N	1213ØE	Ø381		18-G
25X1D	TZU CONTAINING 30 TRUCKS, 2 PROBABLE AAA AND 20 PROBABLE FIELD ARTILLERY PIECES.				25X1A	
25X1C	CHIN-CHOU AIRFIELD SE NO 1 25X1C 7 NM SE OF CHIN-HSIEN (CHIN-CHOU). NO APPARENT CHANGE SINCE	39Ø4N	12145E	Ø381 :		1Ø-B
25X1D	AIRCRAFT NONE.					

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25X10 25X1C

Co. L. H.	Coordinates		WAC	Installation	
City, Installation	Coordinat	-		BE	NPIC
25X1C 25X1C 25X1D  HIN-HSIEN (CHIN-CHOU) COMPLEX NO APPARENT CHANGE SINCE	39Ø6N 1	2143E	Ø381	25X1A	1Ø
25X1C  CHIN-HSIEN (CHIN-CHOU), EXPLOSIVES STGE DEPOT  NO APPARENT CHANGE SINCE  25X1D	39Ø7N 1	2146E	Ø38 <b>1</b>		10-
CHIN-HSIEN (CHIN-CHOU) AREA AMMO STORAGE AREA 6 NM NNE OF CHIN-HSIEN (CHIN-CHOU). 10 REVETTED BUILDINGS AND 3 ASSOCIATED BUILDINGS. 25X1D	3912N 1	2145E	Ø381		10-
CHIN-HSIEN AREA MILITARY ACTIVITY  11 NM NE OF CHIN-HSIEN (CHIN-CHOU). 25X1D  DRIVER TRAINING AREA.  VEHICLES 11 TRUCKS, 3 PROBABLE TANKS (COVERED), ONE POSSIBLE TANK.	3912N 1	2155E	Ø381	25714	10-
25X1D  SAN-SHIH-LI-PU AIRFIELD  NO APPARENT CHANGE SINCE  AIRCRAFT 17 PROBABLE LOW-WING, SINGLE-	3917N 1	.2146E	Ø381	25X1A	55
ENGINE.  PU-LAN-TIEN AIRFIELD SOUTH 25X1C	3919N 1	L2158E	Ø381	and the second s	54-
NO APPARENT CHANGE SINCE AIRCRAFT NONE.					

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City, Installation Installation Numbers Coordinates WAC BE NPIC 25X1C 25X1A 25X1C FU-HSIEN AIRFIELD 394ØN 12146E Ø381 21 NO APPARENT CHANGE SINCE 25X1D AIRCRAFT -- APPROXIMATELY 25 UNIDENTIFIED. 25X1C LI-CHANG-SHAN-LIEH-TAO (ISLANDS) MIL ACTIVITY 391ØN 1222ØE Ø381 101 ABOUT 40 NM NE OF DAIREN ON LI-CHANG-SHAN-LIEH 25X1D TAD (ISLANDS). NO APPARENT CHANGE SINCE 25X1C 25X1A HUA-CHIA-TUN AIRFIELD 3916N 122Ø5E Ø381 25 3 NM ESE OF HUA-CHIA-TUN. 6.500 X 350 FT NNW/SSE CONCRETE RUNWAY. ALERT APRONS AT EACH END OF RUNWAY. LOOP TAXIWAY TO THE WEST WITH 28 REVETTED HARDSTANDS. 5 CONNECTING LINK TAXIWAYS. ONE HANGAR OFF SHORT TAXIWAY WEST OF THE MAIN 25X1D TAXIWAY. UNDERGROUND POL STORAGE WEST OF MAIN TAXIWAY. AIRCRAFT -- NONE. PU-LAN-TIEN AIRFIELD 3927N 122Ø1E Ø381 54-A 8,200 X 200 FT NNE/SSW CONCRETE RUNWAY WITH ALERT APRONS AT EACH END. PARALLEL TAXIWAY TO EAST WITH 4 CROSSOVERS AND TWO PARKING APRONS. LOOP TAXIWAY EAST OF PARALLEL TAXIWAY. ADDITIONAL TAXIWAYS TO NE AND SE. 61 REVETTED HARDSTANDS, 3 HANGARS. APPROXIMATELY 28 REVETTED BUNKERS LOCATED APPROXIMATELY 2 NM EAST OF NORTH END DE RUNWAY. APPROXIMATELY 65 BARRACKS/ADMINISTRATIVE-TYPE BUILDINGS LOCATED 2 NM SE OF SOUTH END OF RUNWAY.

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	City Installation Coordinates WAC		Coordinates WAC		Coordinates WAC		ion Numbers	
i	City, Installation	Coordinates	WAC	BE	NPIC			
i	25X1D 25X1D 25X1D		,					
25X1C	AIRCRAFT 24 FAGOT/FRESCO, ONE CRATE.  55X1C  FU-HSIEN COMPLEX  NO APPARENT CHANGE SINCE	3937N 12200E	Ø38 <b>1</b>	25X1A	21-A			
! !	CHUANG-HO AREA, MILITARY INSTALLATION ABOUT 4 NM NW OF CHUANG-HO. APPROXIMATELY 200 BUILDINGS AND MANEUVER AREA WITH ABOUT 45 ADDITIONAL BUILDINGS ACROSS RIVER TO NORTH. VEHICLES AND WEAPONS AT LEAST 65 TRUCKS, 2 PROBABLE TANKS. ABOUT 37 FIELD ARTILLERY PIECES.  25X1D 25X1C	3945N 12256E	Ø381 .		102			
25X1C	FU-HSIEN AREA, EXPLOSIVES STORAGE  NO APPARENT CHANGE SINCE  OBLIQUITY PRECLUDES DETAILED  INTERPRETATION. 25X1D	3952N 122Ø6E	Ø381		21-8			
25X1C	SHIH-CHENG-TAD (ISLAND), MILITARY INSTALLATION NO APPARENT CHANGE SINCE 25X1C	3932N 123ØØE	Ø381 .		100			
	TING-HSING AREA, BARRACKS SW 7 NM SW DF TING-HSING. APPROXIMATELY 6Ø BARRACKS-TYPE BUILDINGS, MOTOR POOL, VEHICLE SHEDS, UNUSUALLY LONG WAREHOUSE BUILDING, 2 LARGE MESS BUILDINGS, HEADQUARTERS BUILDING, AND NUMEROUS SMALL WAREHOUSES.	3911N 11542E	Ø382		13-B			

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Cu. Landlar			WAC Installati		ion Numbers	
City, Installation	Coordinates		WAC	BE	NPIC	
25X1D				25X1A		
ING-HSING AIRFIELD  3 NM ESE OF TING-HSING.  APPROXIMATELY 8,000 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 6 CROSSOVERS AND 30 HARDSTANDS (3 UNSERVICEABLE). ALERT APRONS AT EACH END OF FIELD. MIDFIELD PARKING APRON. SUPPORT FACILITIES WEST OF TAXIWAY.  AIRCRAFT 34 FAGOT/FRESCO.	3915N	11549E	Ø382		13	
-HSIEN AREA, MILITARY INSTALLATION IMMEDIATELY NORTH OF WALLED CITY OF I-HSIEN ARE ABOUT 40 BARRACKS. IN I-HSIEN ARE NUMEROUS BARRACKS, VEHICLE SHEDS, OPEN STORAGE AREAS AND WAREHOUSES.	3922N	11529E	Ø382		24	
ING-HSING AREA BARRACKS NE  6.2 NM NE OF TING-HSING. THREE SEPARATE BARRACKS AREAS, EACH HAVING ITS OWN HEADQUARTERS BUILDING, MESS FACILITIES AND STORAGE BUILDINGS. APPROXIMATELY 120 BARRACKS IN ENTIRE AREA PLUS NUMEROUS SMALL BUILDINGS AND UTILITY SHEDS. LARGE RECREATIONAL BUILDING AND HOSPITAL COMMON TO ENTIRE AREA. VEHICLES APPROXIMATELY 25.	3922N	1155ØE	Ø382		13-	

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And the state of t	City. Installation Coordinates		WAC	İnstallatio	n Numbers	
City, Installation	Coor	ainates	WAC	BE	NPIC	
CHO-HSIEN AIRFIELD  2 NM SSE OF CHO-HSIEN.  6,000 X 6,000 FT SOD LANDING AREA, SERVICEABLE. FOUR HANGARS AND 2 PARKING APRONS.  25X1D	3928N	11559E	Ø382	25X1A	3-B	
AIRCRAFT 6 FAGOT/FRESCO.  CHO-HSIEN IRON SMELTER SE OUTSKIRTS OF CHO-HSIEN. RUDIMENTARY OPEN-HEARTH PLANT WITH 12 STACKS ON INDIVIDUAL BUILDINGS. NO FACILITIES FOR PROCESSING BEYOND INGOT STAGE OBSERVED. NO	3929N	11558E	Ø382		3-0	
25X1D  -NORTH KOREA-  SUPUNG-DONG HYDRO POWER PLANT SUIHO  1.4 NM ENE OF SUPUNG-DONG ON YALU RIVER.  HYDRO-ELECTRIC POWER PLANT WITH ONE POWER  HOUSE, TRANSFORMER YARD, WORKSHOPS, AND RAIL  YARDS. AT LEAST 3 OCCUPIED FOUR-GUN AAA	4Ø27N	12458E	Ø29Ø	25X1A	8Ø	
(PROBABLE LIGHT) SITES ON NW SIDE OF DAM AND ONE UNOCCUPIED FOUR-GUN AAA SITE AND ONE PROBABLE UNOCCUPIED 4-GUN AAA SITE ON SE SIDE OF DAM.  MANPOJIN AREA, EXPLOSIVES STORAGE 7 NM SE OF MANPOJIN. APPROXIMATELY 72 STORAGE BUILDINGS AND SEVERAL SUPPORT BUILDINGS DISPERSED IN SEVERAL VALLEYS. OBLIQUITY LIMITS INTERPRETATION.	41Ø5N	12624E	Ø29Ø		77-1	

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City, Installation	City, Installation Coordinates		WAC	Installation Numbers	
			***************************************	BE	NPIC
MANPOJIN AREA, MILITARY STORAGE 11 NM ENE OF MANPOJIN. APPROXIMATELY 41 STORAGE BUILDINGS AND 34 SUPPORT BUILDINGS DISPERSED ALONG 2 VALLEY FLOORS.	4113N	<b>12</b> 629E	Ø29Ø		77-
25X1D					
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## -NUCLEAR ENERGY-

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## CHINA

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# APPENDIX EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City, Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$  -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

<u>Installation Numbers</u> -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the approxiate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0289-1 and an NPIC target numbered 0290-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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